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Schottky Barrier Rectifiers

Operating Temperature: -65°C to 125°C

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Inverse Voltage	Peak Fwd. Surge Current @ 8.3 ms Superimposed	Max. Forward Voltage @ 25°C @ Rated Io	Max. Reverse Current @ 25°C @ Rated PIV	Package	Outline (Typ. in Inches)
		Io(A)	PIV(V)	I_{FSM} (A)	V_{FM}(V)	I_R(mA)	Bulk/Reel	
SB020	-	0.6 A	20	20	0.550	0.50	5500/Reel	MPG06
SB030	-		30					
SB040	-		40					
1N5817	TSR120	1.0 A	20	25	0.450	1.00	1000/5500 1000/5000	DO-204AL
1N5818	TSR130		30		0.550			
1N5819	TSR140		40		0.600			
TSR120	SB120		20	40	0.550	0.50	1000/5000	
TSR130	SB130		30		0.550			
TSR140	SB140		40		0.550			
TSR150	SB150		50		0.700			
TSR160	SB160		60		0.700			
TSR190	SR109		90		0.850			
TSR1100	SR110		100		0.850			
SB120	TSR120		20		0.500	0.50		
SB130	TSR130		30		0.500			
SB140	TSR140		40		0.500			
SB150	TSR150		50		0.700			
SB160	TSR160		60		0.700			
SR102	TSR120		20		0.550	0.50		
SR103	TSR130		30		0.550			
SR104	TSR140		40		0.550			
SR105	TSR150		50		0.700			
SR106	TSR160		60		0.700			
SR109	TSR190		90		0.850			
SR110	TSR1100		100		0.850			
SR120	TSR120		20		0.550	0.50		
SR130	TSR130		30		0.550			
SR140	TSR140		40		0.550			
SR150	TSR150		50		0.700			
SR160	TSR160		60		0.700			
SR190	TSR190		90		0.850			
SR1100	TSR1100		100		0.850			
TSR320	SB320	3.0 A	20	100	0.550	0.50	500/1250	DO-201AD
TSR330	SB330		30		0.550			
TSR340	SB340		40		0.550			
TSR350	SB350		50		0.700			
TSR360	SB360		60		0.700			
TSR390	-		90		0.850			
TSR3100	-		100		0.850			
1N5820	TSR320		20	80	0.475	2.00		
1N5821	TSR330		30		0.500			
1N5822	TSR340		40		0.525			
SB320	TSR320		20		0.500	0.50	1500/1400	
SB330	TSR330		30		0.500			
SB340	TSR340		40		0.500			
SB350	TSR350		50		0.740			
SB360	TSR360		60		0.740			
SR302	TSR320		20	80	0.550	0.50	500/1250	
SR303	TSR330		30		0.550			
SR304	TSR340		40		0.550			
SR305	TSR350		50		0.720			
SR306	TSR360		60		0.720			
SR309	TSR390		90		0.850			
SR310	TSR3100		100		0.850			
SR320	TSR320		20	100	0.550	0.50		
SR330	TSR330		30		0.550			
SR340	TSR340		40		0.550			
SR350	TSR350		50		0.750			
SR360	TSR360		60		0.750			
SR390	TSR390		90		0.850			
SR3100	TSR3100		100		0.850			
TSR520	SB520	5.0 A	20	150	0.550	0.50		
TSR530	SB530		30		0.550			
TSR540	SB540		40		0.550			
TSR550	SB550		50		0.670			
TSR560	SB560		60		0.670			
SB520	TSR520		20	150	0.550	0.50	1500/1400	
SB530	TSR530		30		0.550			
SB540	TSR540		40		0.550			
SB550	TSR550		50		0.670			
SB560	TSR560		60		0.670			
MBR735	-	7.5 A	35	150	0.570 @ 125	0.10	500/1250	
MBR745	-		45		0.570 @ 125			
MBR750	-		50		0.650 @ 125	0.50		
MBR760	-		60		0.650 @ 125			
TSR835	SD835	8.0 A	35	150	0.550	0.50		
TSR845	SD845		45		0.550			
TSR850	SD850		50		0.700			
TSR860	SD860		60		0.700			
SD835	TSR835		35		0.550			
SD845	TSR845		45		0.550			
SD850	TSR850		50		0.700			
SD860	TSR860		60		0.700			